

MEDB 1.3 Private Medical Conference

3.2 Medical Requirements Overview

TABLE 3.2: MEDICAL REQUIREMENTS OVERVIEW

MEDB# and Title:	MEDB 1.3 Private Medical Conference
Sponsor:	Medical Operations
Discipline:	N/A
Category:	Medical Requirements (MR)
References:	ISS Medical Operations Requirements Document (ISS MORD) SSP50260 Medical Evaluation Documents (MED) Volume B Section 1.3
Purpose/Objectives:	To provide consultations between the flight surgeon and U.S. crewmember via private air-to ground loop and video to discuss medical status, human factors, and habitation systems.
Measurement Parameters:	N/A
Deliverables:	Flight note from Crew Surgeon to Flight Director regarding status of crew health; PMC form in Electronic Medical Record (EMR) completed by Crew surgeon for each conference.
Flight Duration:	> 30 days
Number of Flights:	Each long duration expedition
Number and Type of Crew Members Required:	All ISS crewmembers
Other Flight Characteristics:	N/A

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3.3 Preflight Training – No Preflight Training

3.4 Preflight Activities – No Preflight Activities

3.5 In-flight Activities

TABLE 3.5.1: IN-FLIGHT ACTIVITIES

In-flight Activity	Description:	Consultations will be conducted between the flight surgeon and U.S. crewmember via private air-to ground loop and video to discuss medical status, human factors, and habitation systems.		
	Schedule:	Duration:	Schedule:	Personnel Required:
		Private Medical Conference 15 min. (each crewmember)	*Daily for first five days after docking (separately scheduled on all arriving USOS crewmembers.)	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	Weekly	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (EVA participant)	Prior to each EVA (within 24 hrs. of suit donning)	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (EVA participant)	Following each EVA (within 24 hrs. of suit removal)	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	*Daily beginning last five days prior to landing (individually scheduled on each returning USOS crewmember) and the morning of entry/landing.	Flight Surgeon and Crewmember
		Private Medical Conference 15 min. (per crewmember)	As clinically indicated	Flight Surgeon and Crewmember
Procedures:		Procedures for conducting PMCs are contained in the ISS BME Console Handbook. Should a medical issue occur, contingency procedures are contained in the Systems Operations Data File (SODF) Medical Checklist.		
Constraints / Special Requirements:		A Private Medical Conference may be requested at any time by the Crew Commander, Flight Surgeon (FS), Flight Director (FD), or any crewmember.		
Photo / TV Requirements:		PMC nominally includes video if available at time PMC is scheduled.		
Mission Extension Requirements:		N/A		
Landing Wave-Off Requirements:		N/A		
Data Delivery		PMC data is entered into the PMC form located in the EMR. Video and audio recordings of PMCs are provided to the LSAH Knowledge Management Team for archiving.		

In-flight Activities, (cont.)

TABLE 3.5.2: IN-FLIGHT HARDWARE

Hardware/Software Name
Orbital Communications Adapter (OCA)
Private Space-to- Ground Loop

3.6 Postflight Activities – No Postflight Activities

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3.7 Summary Schedule

TABLE 3.7: SUMMARY SCHEDULE

ACTIVITY	DURATION	SCHEDULE	PERSONNEL REQUIRED	CONSTRAINTS
Preflight Training: N/A				
Preflight Activity: N/A				
In-flight				
Private Medical Conference (for each crewmember)	15 min.	*Daily for first five days after docking (separately scheduled on all arriving USOS crewmembers,)	Flight Surgeon and Crewmember	A Private Medical Conference may be requested at any time by the Crew Commander, Flight Surgeon (FS), Flight Director (FD), or any crewmember. Participation in
Private Medical Conference 15 min. (per crewmember)	15 min.	Weekly	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (EVA participant)	15 min.	Prior to each EVA (within 24 hrs. of suit donning)	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (EVA participant)	15 min.	Following each EVA (within 24 hrs. of suit removal)	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (per crewmember)	15 min.	*Daily beginning last five days prior to landing (individually scheduled on each returning USOS crewmember) and the morning of entry/landing.	Flight Surgeon and Crewmember	
Private Medical Conference 15 min. (per crewmember)	15 min.	As clinically indicated	Flight Surgeon and Crewmember	
Postflight: N/A				
Postflight Debrief: N/A				